

What is claimed is:

1. A flow meter comprising:

a measuring element for measuring a flow of a medium; and  
an indicator element for indicating a flow of the medium,

wherein the indicator element includes a basic component having a cylindrical portion extending into a distribution pipe through which an indicator rod having a rebounding plate extends into the measuring element and is vertically movable therein, and

wherein a filter is provided upstream of the rebounding plate in the flow direction of the medium.

2. The flow meter according to claim 1, wherein the basic component extends into a cylindrical attachment that influences the flow towards the rebounding plate, and wherein a lower portion of the cylindrical attachment is designed as the filter.

3. The flow meter according to claim 2, wherein the lower portion of the cylindrical attachment is provided with a plurality of slits that are distributed around a circumference of the lower portion and are parallel to an axis formed by the flow direction of the medium through the measuring element.

4. The flow meter according to claim 3, wherein the slits are evenly distributed around the circumference of the lower portion of the cylindrical attachment.

5. The flow meter according to claim 3, wherein a width of the slits increases in the direction of the flow.

6. The flow meter according to claim 3, wherein at a point of entry of the medium, the slits have a width of 0.5 to 1.0 mm.

7. The flow meter according to claim 2, wherein the lower portion of the attachment is designed as an insert, which is connectable to the attachment by insertion into the cylindrical attachment.
8. The flow meter according to claim 7, wherein the indicator rod is guided in the insert vertically slidable.
9. The flow meter according to claim 2, wherein the lower portion is made of plastic.
10. The flow meter according to claim 1, wherein the flow meter is used for warm water heating systems.
11. The flow meter according to claim 6, wherein the slits have a width of 0.8 mm.
12. The flow meter according to claim 1, wherein the filter is between the indicator element and the measuring element.
13. A flow meter comprising:
  - an indicator element for indicating a flow rate of a medium through the flow meter via a rebounding plate that is slidably attached to the indicator element;
  - a measuring element having a measuring bore extending along an axis, the axis being substantially parallel to a flow direction of the medium, the rebounding plate slidably extending into the measuring bore of the measuring element; and
  - a cylindrical attachment being provided between the indicator element and the measuring element, the cylindrical attachment having an internal bore for enabling the rebounding plate to extend slidably therethrough from the indicator element to the measuring element, the internal bore of the cylindrical attachment having a diameter that is adapted to fixedly receive an insert, the insert having a plurality of apertures provided therein for filtering dirt particles from the medium.

14. The flow meter according to claim 13, wherein the apertures that are provided in the insert for filtering dirt particles from the medium have a greater width on an inner circumference of the insert than on an outer circumference of the insert.

15. The flow meter according to claim 13, wherein a mesh screen is provided to substantially cover a medium entrance of the apertures, which are provided on the insert.

16. The flow meter according to claim 13, wherein the insert has two apertures on a circumferential side of the insert.

17. The flow meter according to claim 16, wherein the two apertures are substantially across from one another on the circumferential side of the insert.

18. The flow meter according to claim 13, wherein the flow meter is a forward-flow flow meter.